

Need an intro — Re-state the problem of the lab

I would tell him/her to make their car aerodynamic in the front by making it pointed. I would say don't make the balloon so big, make the cars mass not too big and not too small. My car went faster with a middle mass (not too big, not too small). It also went faster if we blew up the balloon less. My prediction was the car would have to be more aerodynamic, <sup>weight less</sup> ~~weight less~~ to have a greater momentum, and blow more air into the balloon. I was correct on  $\frac{2}{3}$  of my predictions. I think my car went at the speed it did because my car weighed not enough, so it went on a curve every time. I think I blew into the balloon too much causing a greater mass. Also I made my car's weight not enough. Others made their cars more aerodynamic so I & we made our car more aerodynamic it would've went farther. Finally, the more aerodynamic, medium weight, and how much you blow into the balloon affects the turnout of the project.

I need data from your results — did your speed numbers increase from your changes? — 1